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Customer No. 27160



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: L. Shapiro

Examiner: Lukton, D.

Serial No.: 09/518,098

Group Art Unit: 1653

Filed: March 3, 2000

For: INHIBITORS OF SERINE PROTEASE ACTIVITY, METHODS AND  
COMPOSITIONS FOR TREATMENT OF VIRAL INFECTIONS

TECH CENTER 1600/2900

AMENDMENT

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

This is in response to the Office Action mailed August 16, 2002, having a three month shortened statutory period of response set to expire November 16, 2002. The following remarks and amendments are respectfully submitted.

In the Claims:

**Please enter the following amended claims:**

40. (Twice Amended) A method for inhibiting human immunodeficiency virus (HIV) replication in a patient harboring said HIV comprising administering to the patient a combination comprising:

at least one first compound exhibiting  $\alpha_1$ -antitrypsin (AAT) or AAT-like activity, wherein said compound exhibiting AAT-like activity is a natural or man-made molecule that, upon administration to a patient in need thereof, inhibits serine protease, with the exception that the first compound is not serine leukocyte protease inhibitor; and

at least one second compound selected from the group consisting of HIV reverse transcriptase inhibitors and HIV protease inhibitors, for a time and under conditions effective to inhibit HIV replication.